

REMARKS

Applicant has reviewed and considered the Office Action mailed on August 25, 2006, and the references cited therewith.

Claims 1, 5, 18, 24, and 28 are amended, claim 4 is canceled, and no claims are added; as a result, claims 1-3 and 5-30 are now pending in this application.

35 USC §102 Rejection of the Claims

Claims 1-30 were rejected under 35 USC § 102(a) as being anticipated by Vandeweerd, et al. (U.S. Publication No. 2004/0006584). Independent claims 1, 18, 24, and 28 have been amended to recite additional subject matter. Regarding independent claims 1 and 18, applicants respectfully submit that Vandeweerd does not disclose, teach, or suggest “modifying a clock frequency of at least one of the plurality of processing elements.” Regarding independent claims 24 and 28, applicants respectfully submit that Vandeweerd does not disclose, teach, or suggest “independently determining clock frequencies for each of the plurality of processing elements.” Accordingly, applicants respectfully believe independent claims 1, 18, 24, and 28 to be in condition for allowance. The remaining claims are believed to be in condition for allowance at least by virtue of dependency.

Conclusion

Applicant respectfully submits that the claims are in condition for allowance and notification to that effect is earnestly requested. The Examiner is invited to telephone Applicant's attorney (952-473-8800) to facilitate prosecution of this application.

Respectfully submitted,

VICKI W. TSAI ET AL.

By their Representatives,

Customer Number: 45445

Telephone Number: 952-473-8800

Date November 15, 2006

By Dana B. LeMoine
Dana B. LeMoine
Reg. No. 40,062

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Mail Stop Amendment, Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 15 day of November, 2006.

Jenny Hollingsworth
Name

[Signature]
Signature